

FIG. 1

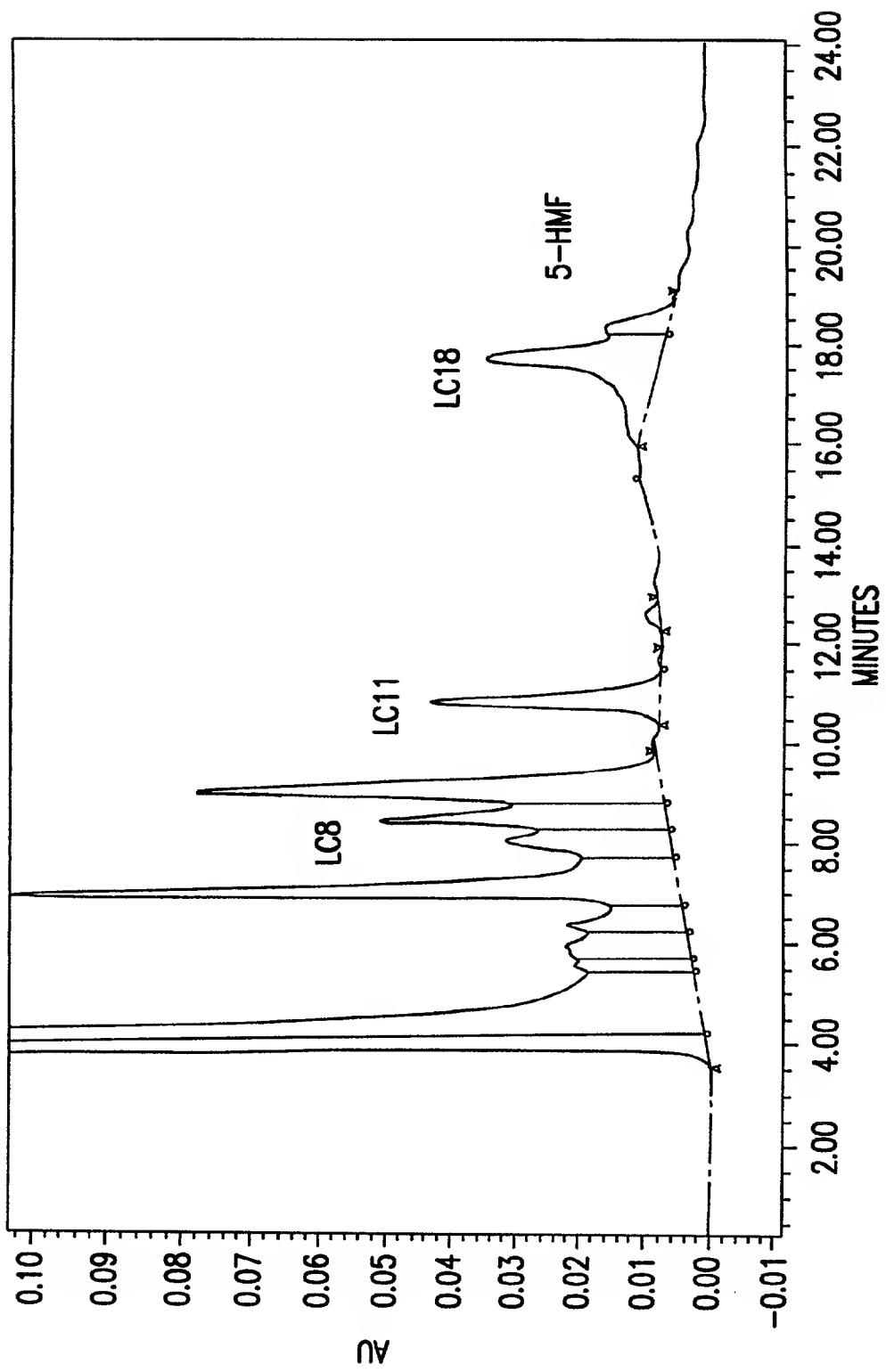


FIG.2

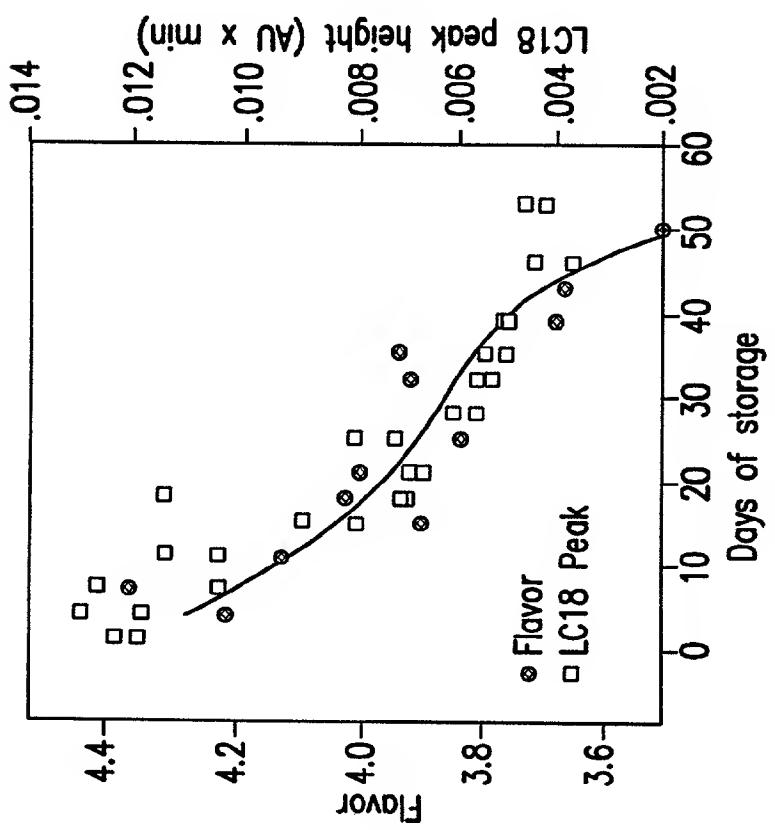


FIG.3A

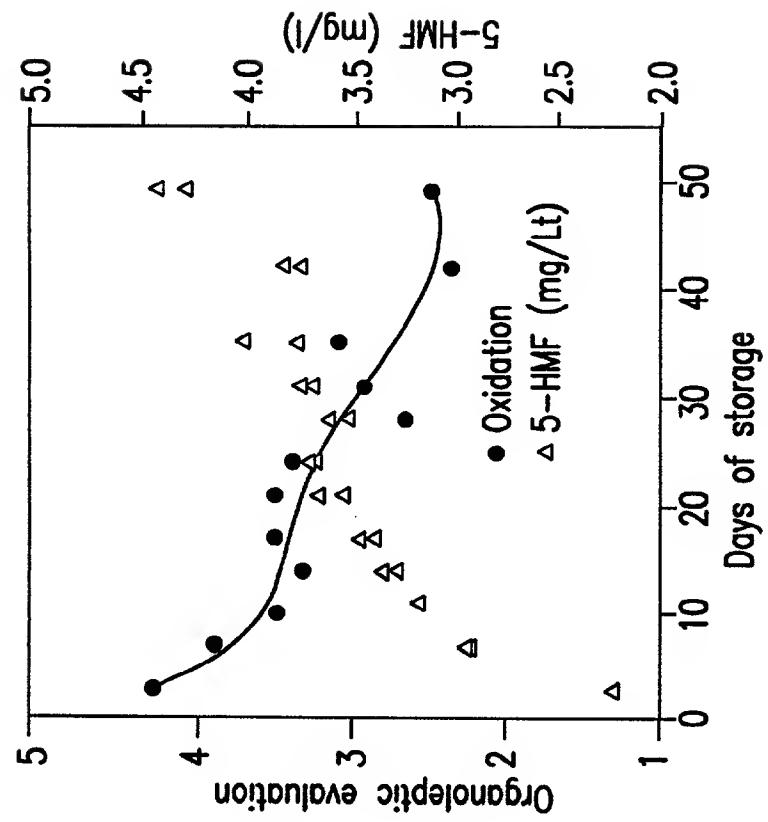


FIG.3B

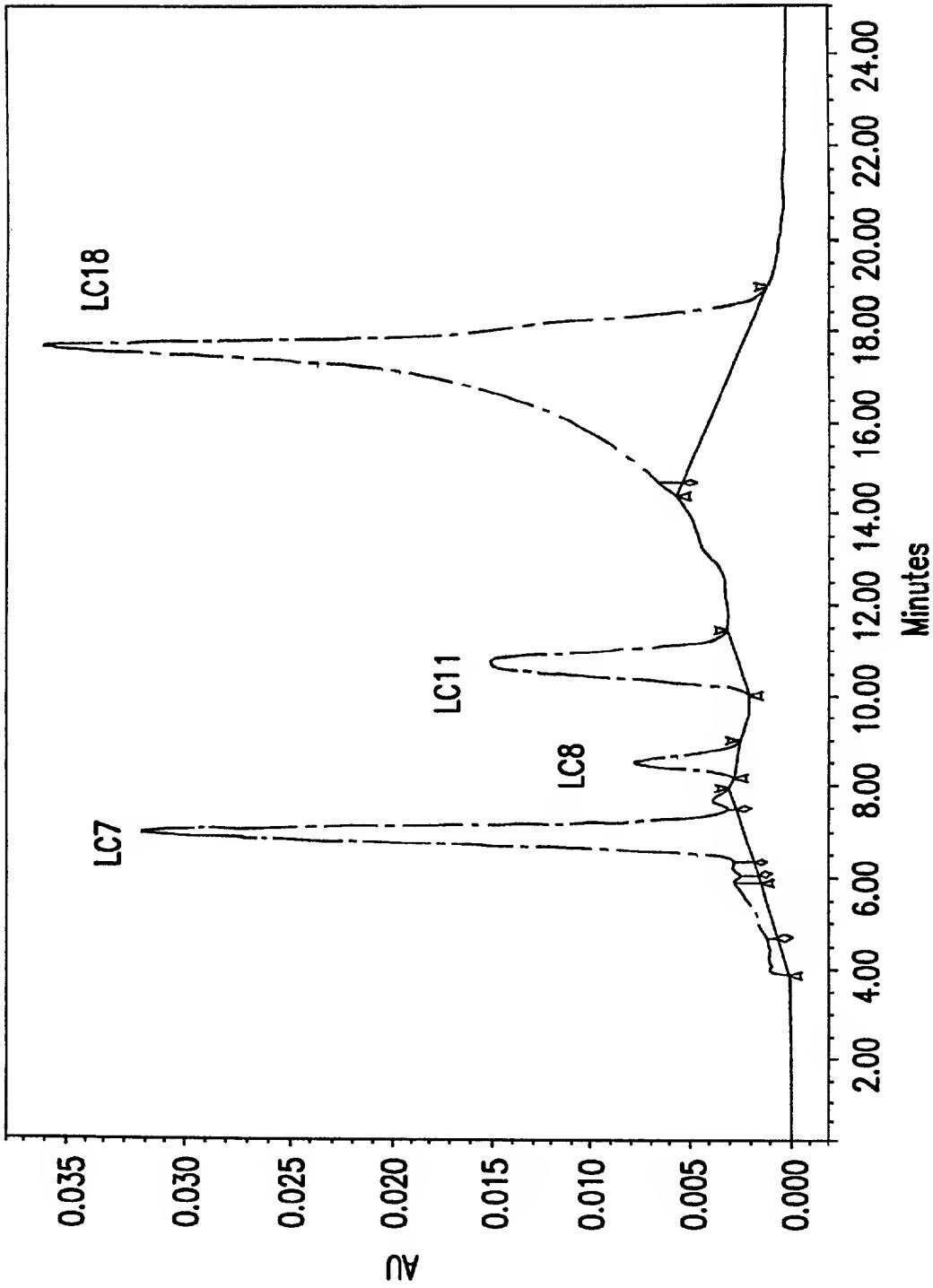


FIG.4

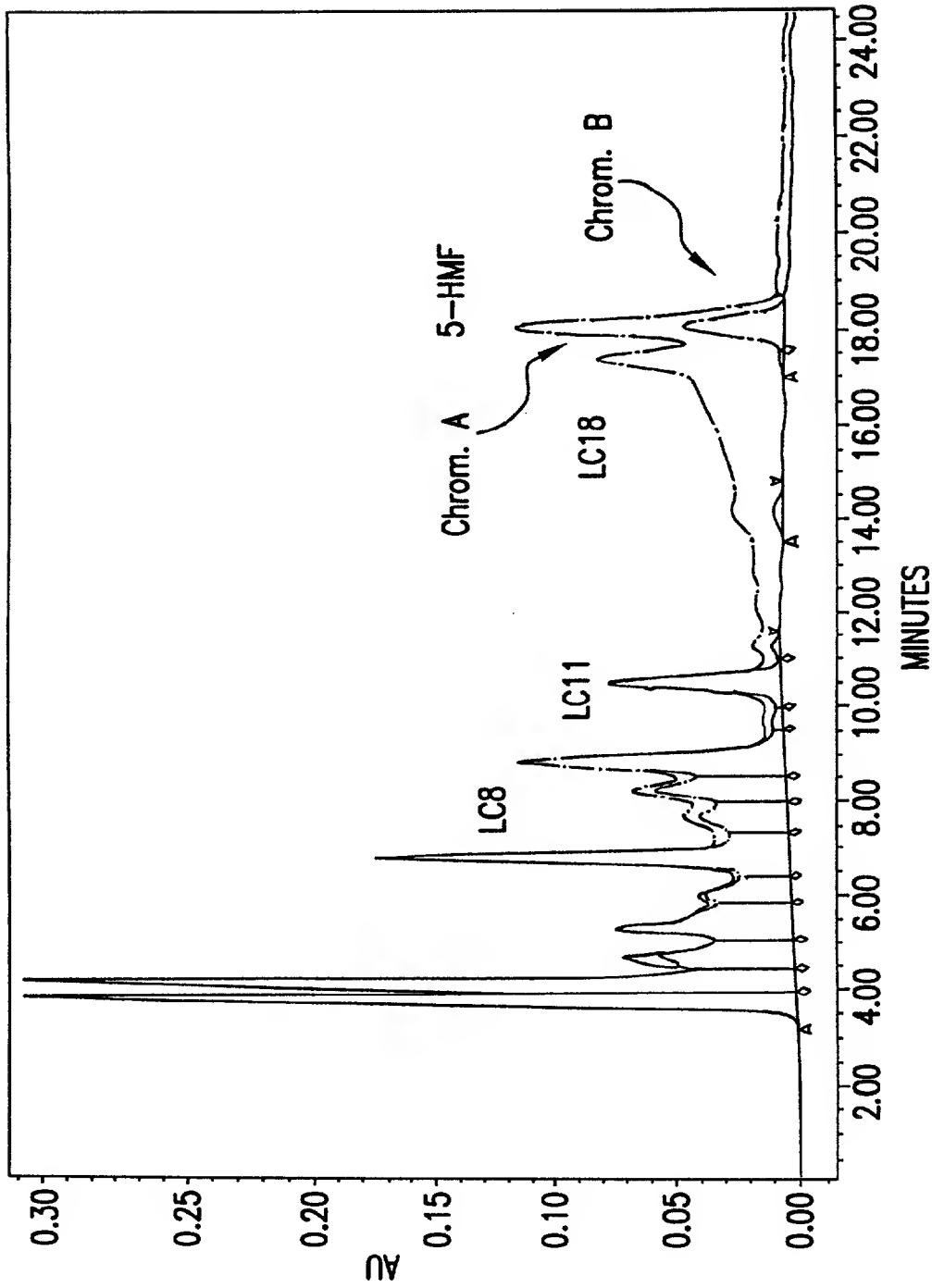
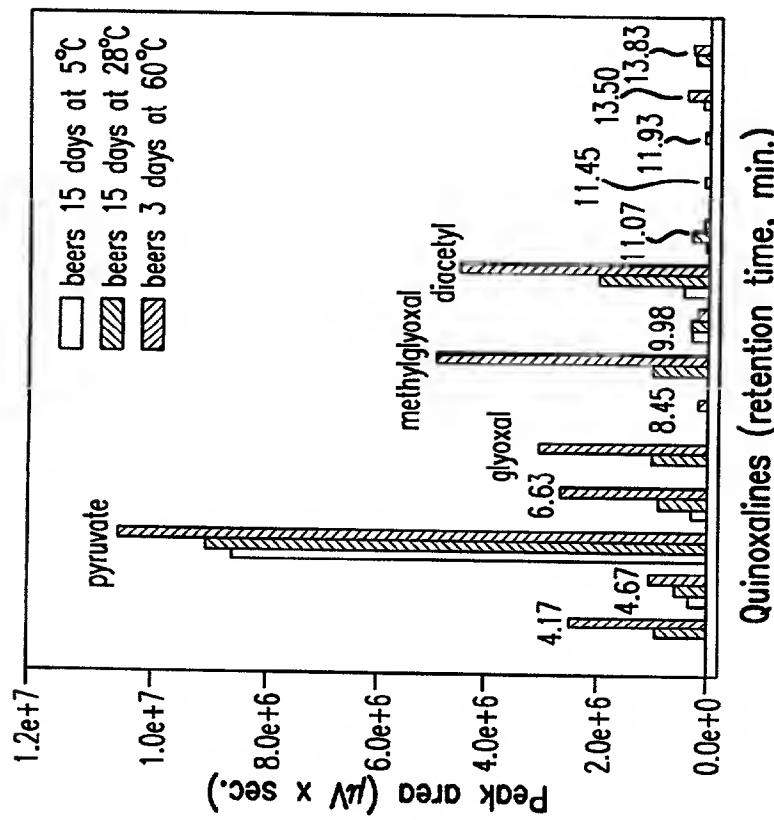
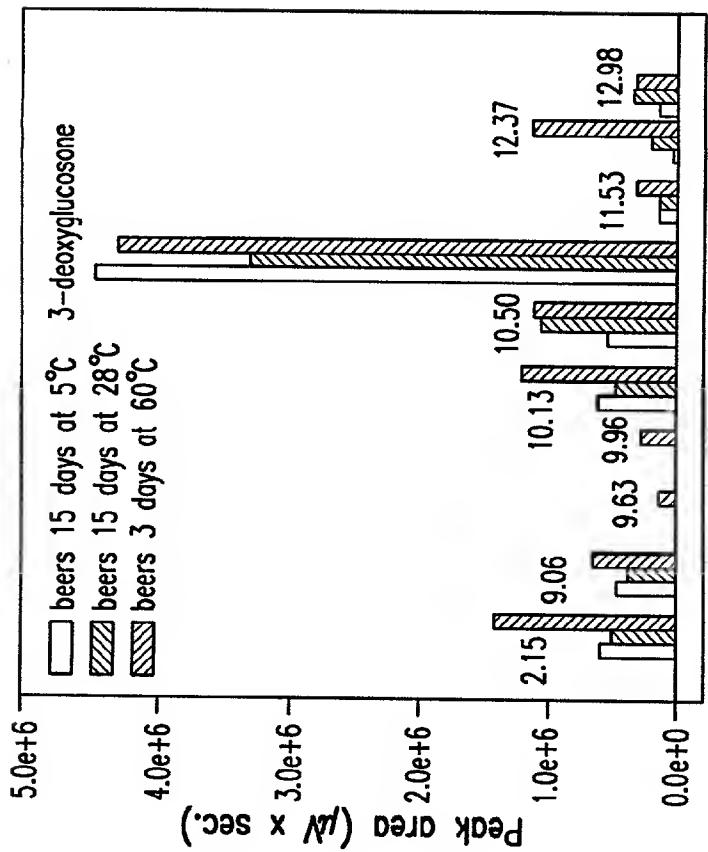


FIG. 5



Quinoxalines (retention time, min.)

FIG. 6A



Quinoxalines (retention time, min.)

FIG. 6B

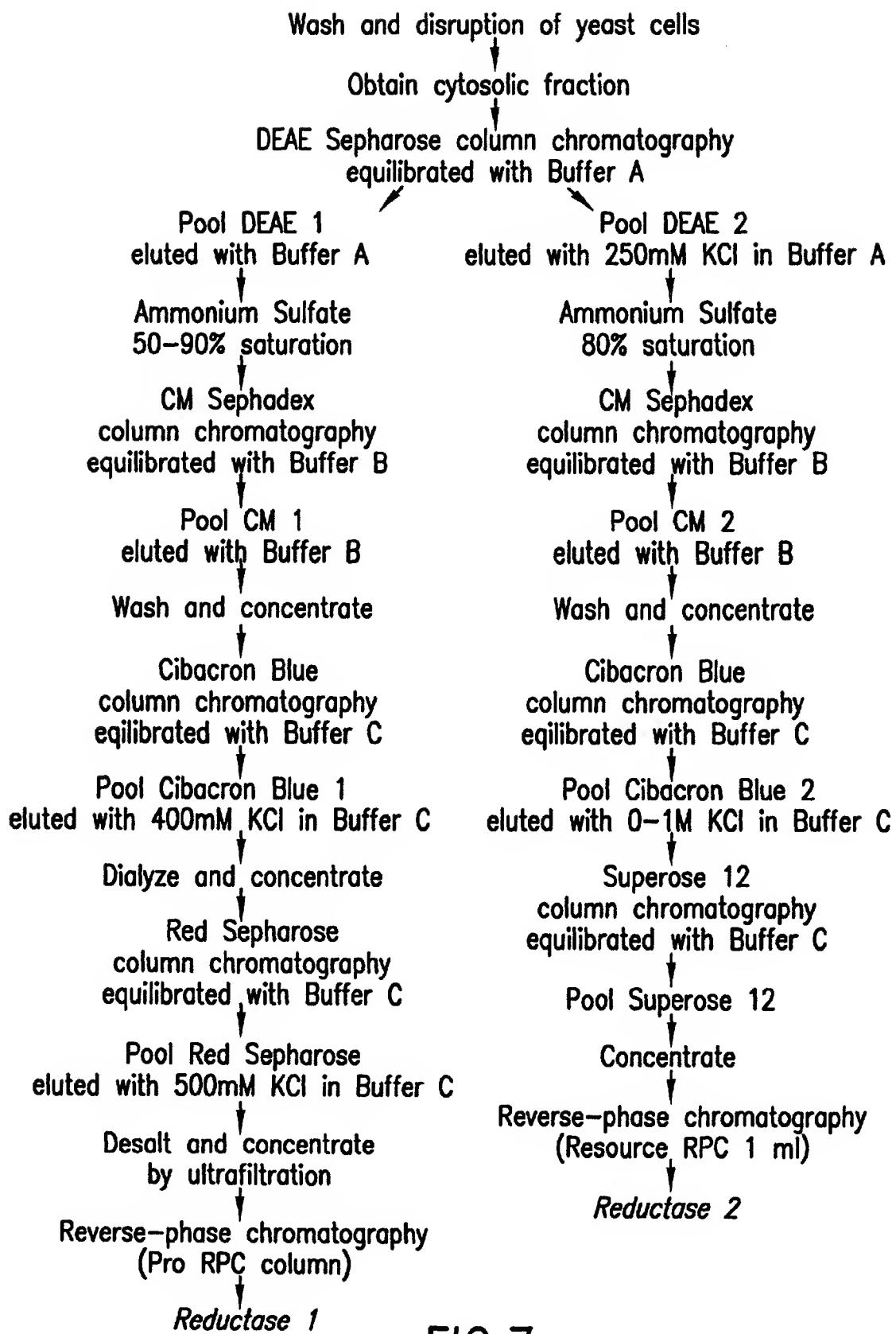


FIG. 7

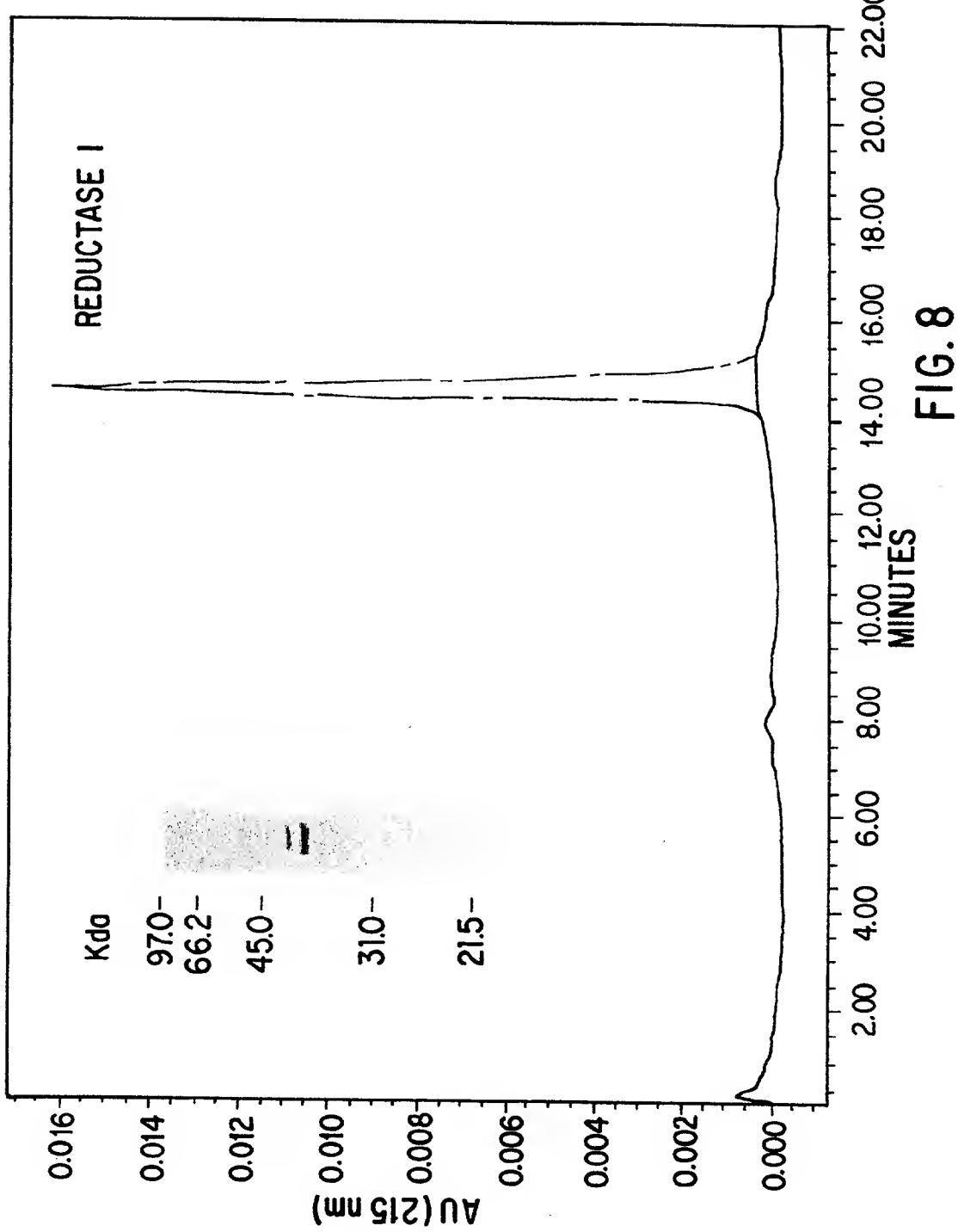


FIG. 8

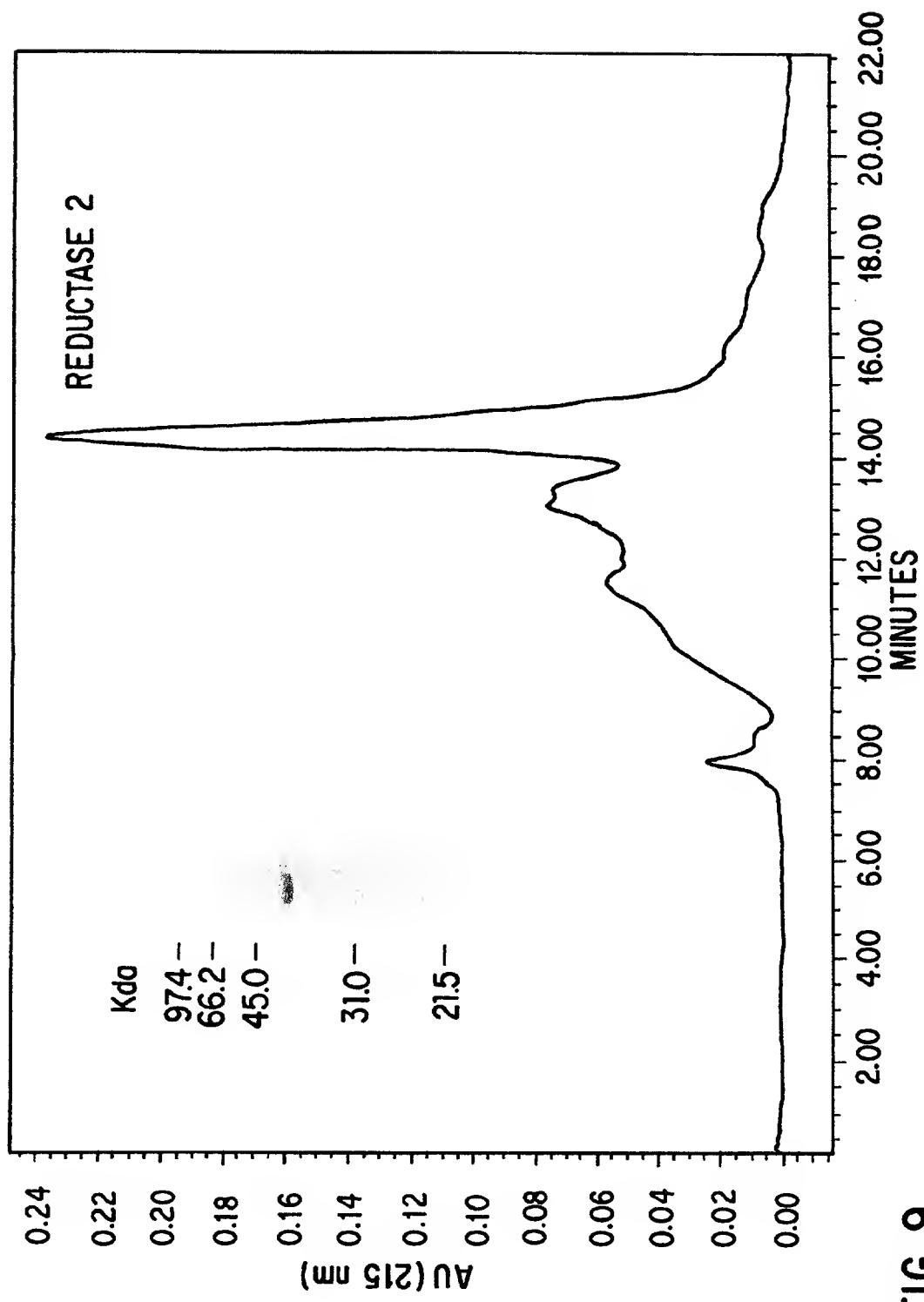


FIG. 9

Substrate	Reductase 1	Activity (nmol/min/mg) Reductase 2
Pyridine-3-aldehyde	111.5	0.0
D-glucoronate	7.0	182.1
Acetaldehyde	585.8	41.9
Methylglyoxal	331.6	230.3
D-glucose	23.1	0.0
D-galactose	12.1	0.0
D-xylose	34.2	0.0
Metyrapone	329.6	383.0
2,3-butanodione	238.1	189.5
2,3-pentanodione	20.1	0.0
3-deoxyglucosone	190.9	115.1
Pyruvate	9.0	0.0

FIG. 10

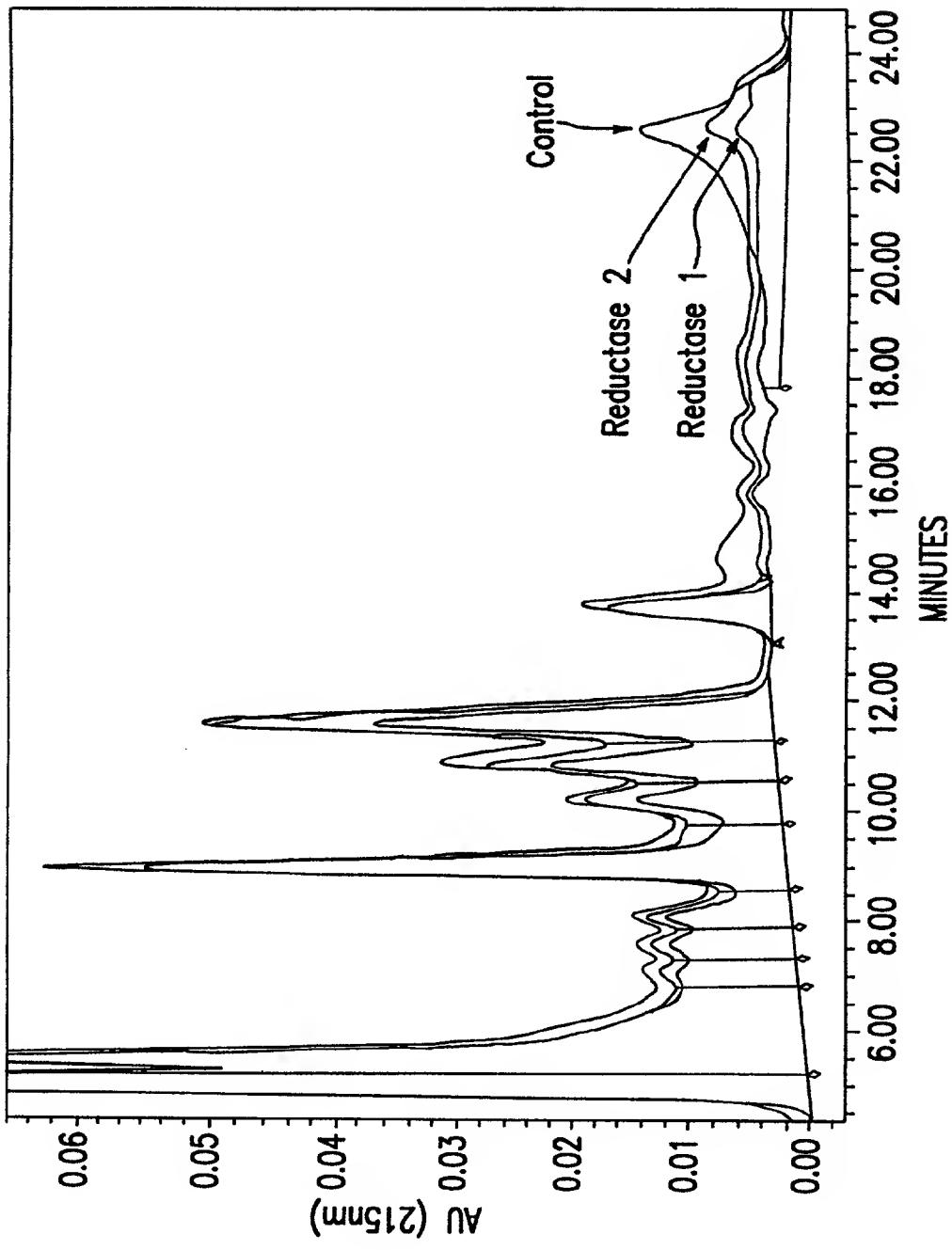


FIG. 1

